

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-029398**Date Inspected:** 09-Apr-2013**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** See below.**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

Quality Assurance Inspector (QA) Fritz Belford was at the American Bridge/Fluor (ABF) job site at Yerba Buena Island in California between the times noted above in order to monitor Quality Control functions and the in process work being performed by ABF personnel. The following items were observed:

Welder Guo Wu Chen #1556:

The welder was observed welding seal cover plates at OBG 12W Panel Point 119 (-1500) in way of the K plate for the West Saddle Grillage Dehumidification Zone as per ABF-RFI-003256R00. The welder was observed pre heating the plates to 300 degrees Fahrenheit prior to welding. The welding was performed utilizing the Welding Procedure Specification (WPS) ABF-WPS-D15-F1200A for Shield Metal Arc Welding (SMAW). The welding parameters were verified by QC Inspector Bonifacio Daquinag Jr throughout the day and appeared to be in compliance with the WPS noted above. Approval for the RFI stated above is pending.

Welder Eric Sparks #3040

The welder was observed tack welding seal cover plates at OBG 13W Panel Point 119 (+1500) in way of the K plate for the West Saddle Grillage Dehumidification Zone as per ABF-RFI-003256R00. The welder was observed pre heating the plates to 300 degrees Fahrenheit prior to welding. The welding was performed utilizing the Welding Procedure Specification (WPS) ABF-WPS-D15-F1200A for Shield Metal Arc Welding (SMAW). The welding parameters were verified by QC Inspector Bonifacio Daquinag Jr throughout the day and appeared to be in compliance with the WPS noted above. Approval for the RFI stated above is pending.

F.W. Spencer Welder Rick Kickvee :

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The welder was observed welding 3" diameter pipe butt welds for the Bike Path air service line. The welds were identified as welds 1/DW1/95.5 /BE & 1/DW1/97.5 /BE. The welder was observed welding utilizing the Welding Procedure Specification (WPS) 1-12-1 for Shield Metal Arc Welding (SMAW). The welding parameters were verified by QC Inspector Bonifacio Daquinag Jr. throughout the day and appeared to be in compliance with the WPS noted above.

Non-Destructive Testing (NDT)

This QA performed Visual Testing (VT) and Magnetic Particle Testing (MPT) on the following:

East Tower:

- Ladder Lugs above the 65M level (2 locations).
- Temporary Attachment removals above the 65M level (2 locations).

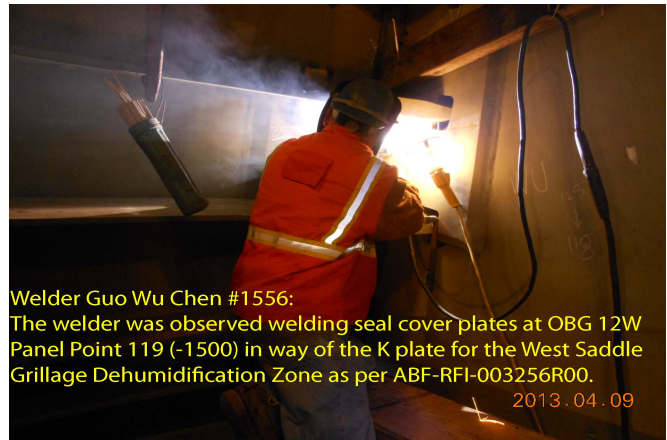
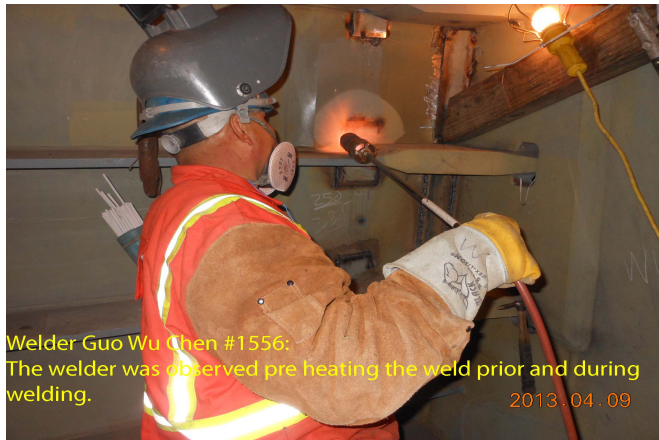
Cable Bracket Adjustment Shims:

- Visual verification of bottom shim welds at PP112, 114 & 116 East & West sides.
- Completion of welds verified.

See TL-6028 for MPT report information.

The completed and accepted work observed at this location appeared to be in compliance with the contract specifications.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



Summary of Conversations:

Conversations this day as required for scope of work.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Gary Thomas - (916) 764 - 6027, who represents the Office of Structural Materials for your project.

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Inspected By: Belford,Fritz

Quality Assurance Inspector

Reviewed By: Reyes,Danny

QA Reviewer